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Date

Cynthia A. Linn  
Signature

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Scates, et al.

Serial No.: 10/708,420

Filed: 03.02.2004

For: REMOVAL OF PERMANGANTE  
REDUCING COMPOUNDS FROM  
METHANOL CARBONYLATION  
PROCESS STREAM

Group Art Unit: 1621

Examiner: Unknown

Atty. Dkt. No.: 10437.0073.NPUS01

**INFORMATION DISCLOSURE STATEMENT**

MAIL STOP MISSING PARTS

Commissioner for Patents

P.O. Box 1450

Alexandria VA, 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record.

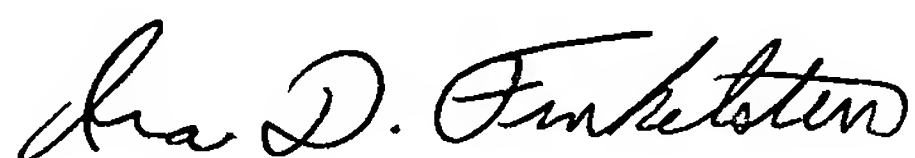
As this application was filed after June 30, 2003, and in accordance with the waiver of the requirement under 37 C.F.R. 1.98(a)(2)(i), copies of the eleven (11) U.S. patent documents on page 1 of the attached Form 1449, specifically, references A1-A11, are not enclosed.

However, copies of the four (4) foreign patent documents on page two of the attached Form 1449, specifically, references B1-B4, as well as copies of the Other Art cited on page two of the attached Form 1449, specifically, references C1-C2, are enclosed.

Further, in accordance with 37 C.F.R. §§ 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any additional fees under 37 C.F.R. §§ 1.16 to 1.21 be required for any reason relating to the enclosed materials, the Commissioner is authorized to deduct said fees from Deposit Account No. 01-2508/10437.0073.NPUS01.

Respectfully submitted,



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Date: July 15, 2004

Form PTO-1449 (modified)		Atty. Docket No. 10437.0073.NPUS01	Serial No. 10/708,420
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant MARK O. SCATES, et al.	
		Filing Date: 03.02.2004	Group: 1621
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 2</i>	Other Art <i>See Page 2</i>	

### U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	3,769,329	10/30/1973	Paulik et al.	260	488	03/12/1970
	A2	5,001,259	03/19/1991	Smith et al.	562	519	06/03/1986
	A3	5,026,908	06/25/1991	Smith et al.	562	519	05/25/1990
	A4	5,144,068	09/01/1992	Smith et al.	562	519	01/07/1991
	A5	5,416,237	05/16/1995	Aubigne et al.	562	519	07/18/1994
	A6	5,625,095	04/29/1997	Miura et al.	562	519	06/02/1995
	A7	5,723,660	03/03/1998	Morimoto et al.	562	519	12/13/1996
	A8	5,756,836	05/26/1998	Shimizu et al.	562	519	01/23/1996
	A9	5,783,731	07/21/1998	Fisher et al.	562	519	09/11/1995
	A10	6,143,930	11/07/2000	Singh et al.	562	608	10/17/1997
	A11	6,339,171	01/15/2002	Singh et al.	562	519	05/03/1999

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

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Form PTO-1449 (modified)  <b>List of Patents and Publications for Applicant's</b>  INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	<b>Atty. Docket No.</b> 10437.0073.NPUS01	<b>Serial No.</b> 10/708,420
	<b>Applicant</b>  MARK O. SCATES, et al.	
	<b>Filing Date:</b> 03.02.2004	<b>Group:</b> 1621
<b>U.S. Patent Documents</b> <i>See Page 1</i>	<b>Foreign Patent Documents</b> <i>See Page 2</i>	<b>Other Art</b> <i>See Page 2</i>

### Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	EP 1 061 874	21 Nov. 1995	EPO	C07C	53/08	Yes
	B2	EP 0 487 284	27 May 1992	EPO	C07C,	53/08	Yes
	B3	EP 0 687 662	20 Dec. 1995	EPO	C07C	53/08	Yes
	B4	JP 9-40590	10 Feb. 1997	Japan	C07C	19/07	Yes

### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Derrick J. Watson, <i>The Cativa Process for the Production of Acetic Acid</i> , in CATALYSIS OF ORGANIC REACTIONS, vol. 75, pp. 369-380 (1998)
	C2	R.T. Eby & T.C. Singleton, <i>Methanol Carbonylation to Acetic Acid</i> , in APPLIED INDUSTRIAL CATALYSIS, vol. 1, pp. 275-296 (1983).

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